



# *Water Efficient Technologies*



Get a **rebate** of up to  
**\$50,000** by making your  
facility more **water efficient!**

*Financial Incentives Program  
for Wastewater Flow Reduction  
and Water Conservation*

# Water Efficient Technologies Application

**Important:** Please read the application and attached materials carefully and make a copy for your records. Please print legibly in ink, then fax or mail completed application to the Environmental Services Department. Use a separate application for each project.

Company Name		Tax ID	
Company Contact Person		Telephone of Contact	- -
Address Where Item(s) Installed		SIC Code	
City	CA	Zip	
<b>CUSTOMER'S MAILING ADDRESS FOR REBATE CHECK</b>			
Address			
City	State	Zip	

☐ I'd like additional information on the Toilet Voucher Program for Businesses.  
☐ I'd like additional information on connecting to the South Bay Water Recycling system.

## PROJECT DESCRIPTION

### WATER BENEFITS

1. <input type="text"/>	2. <input type="text"/>	3. \$ <input type="text"/>	4. <input type="text"/> - <input type="text"/> - <input type="text"/>
Annual CCF Decrease	Projected Life (months)	Total Project Cost	Expected Completion Date

### PROVISIONS AND CONDITIONS OF THE PROGRAM

The City of San José under the "Provisions and Conditions of the Program" serves as Administrator of this program.

#### Qualification:

- To qualify for a rebate, all projects must reduce wastewater flow to the municipal sewer.

#### Provisions:

- Do NOT purchase or lease products until you receive a letter of approval from the Administrator.
- Project must be purchased and installed within six (6) months after being approved by the Administrator.

### Tax Liability and Tax Credits:

- The Administrator is not responsible for any taxes which may be imposed on your business as a result of your receipt of the rebate. You are urged to consult your tax advisor concerning the taxability of the rebate and the availability of tax credits.

### Disclosure:

- The Administrator reserves the right to reject any application based on the criteria outlined in the program literature.
- The Administrator reserves the right to reject unreasonable cost and savings estimates and to make final judgement.
- San Jose/Santa Clara Water Pollution Control Plant is not responsible for any damages which may occur to participants as a result of the Water Efficient Technologies.

### AGREEMENT

I agree to participate voluntarily in Water Efficient Technologies. I certify that I meet the program eligibility requirements and that the information I have supplied on this application is true and correct. I certify that I have read and understood both the brochure and application, and I agree to abide by the program rules and requirements set forth. I understand that participation in this program is conditional upon approval of my application by the Administrator and that the Administrator makes specific rebate commitments only through a letter of approval. I understand that if the Administrator agrees to my participation, I will receive a letter of approval specifying the potential rebate amount, installation deadlines, and other terms, which will become a part of this agreement. Any changes to this agreement must be in writing and approved by the Administrator.

Furthermore, I agree that if I do not provide the Administrator with 100% of the related wastewater benefits, specified in the application, for a period of at least five (5) years from receipt of rebate (for leased items, the period shall be as specified in the application), I shall refund a prorated amount of rebate dollars to the Administrator based on the actual period of time in which I provided the related wastewater benefits to the San Jose/Santa Clara Water Pollution Control Plant.

Finally, I waive and release and agree to defend, indemnify and hold harmless City of San José, its agents, employees and contractors from any and all loss, damage, or liability resulting from my participation in Water Efficient Technologies, including but not limited to any loss, damage or liability arising out of the installation or operation of any product or equipment leased or purchased by me with rebate funds received from the Program.

Signature of Authorizing Official		Title		Date	
<b>FOR ADMINISTRATOR'S USE ONLY</b>		Date Received	<input type="text"/> - <input type="text"/> - <input type="text"/>	Actual CCF Reduced	<input type="text"/>
<b>PRE-INSTALLATION SURVEY</b>					
Completion Date	<input type="text"/> - <input type="text"/> - <input type="text"/>	(A) Accepted (R) Rejected OR (W) Withdrawn	<input type="text"/>	Signature of WET Coordinator	Date
<b>POST-INSTALLATION SURVEY</b>					
Completion Date	<input type="text"/> - <input type="text"/> - <input type="text"/>	(A) Accepted (R) Rejected OR (W) Withdrawn	<input type="text"/>	REBATE \$	<input type="text"/>
Signature of WET Coordinator		Date		Authorizing Signature	
				Date	

# What's WET?

*Water Efficient Technologies (WET) offers rebates to commercial and industrial water customers for the implementation of process and equipment changes, which reduce the company's wastewater discharge.*

## Who is eligible?

All commercial and industrial water users discharging wastewater to the San Jose/Santa Clara Water Pollution Control Plant are eligible. The service area includes San Jose, Santa Clara, Milpitas, Cupertino, Saratoga, Campbell, Los Gatos, and Monte Sereno.

## What projects qualify?

- Eligible projects must reduce wastewater flows to the sanitary sewer system by at least 100 ccf (hundred cubic feet) per year. (Note: A ccf is the unit water suppliers commonly use to measure volume and is equal to 748 gallons.)
- Equipment and projects must have a minimum life expectancy of five years.
- Equipment must be purchased, or leased with a minimum three-year lease.
- Maintenance projects do not qualify.
- Projects must meet all applicable federal, state, and local codes and regulations.

## WET offers up to \$50,000 per project.

Sample projects include:

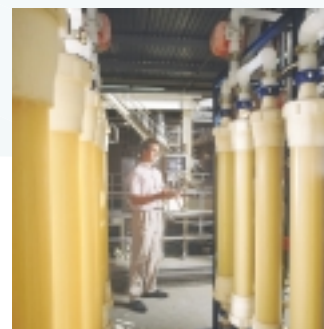
- Reclamation and reuse of rinse waters
- Water-saving ice machines
- Air-cooled chillers
- High efficiency washing machines
- Closed-loop cooling systems
- Reuse of process water in fume scrubbers
- Automated rinse lines
- Cooling tower upgrades and efficiencies

## How much is the rebate?

It's all based on wastewater flow reduction.

- The maximum rebate is \$50,000 per project, or 50% of the project cost,\* whichever is less.
- The minimum rebate is \$400 per project.
- The rebate amount is \$4 for each ccf of reduced wastewater flow per year resulting from projects using purchased equipment.
- For projects using leased equipment, the rebate amount is proportional to the length of the lease. For example, for a three-year lease 3/5 of the standard rebate (\$2.40/ccf) will be awarded.

*\*Any manufacturer rebate or other rebates must be subtracted from the purchase price before submitting an application. No rebates are offered for items that an agency, supplier, or sanitation district has offered, or is offering, as part of a retrofit program (e.g. low-flow showerheads, faucet aerators, ultra-low flush toilets, and flushometer valve replacements).*





# How to Apply

## It's easy!

- Identify your project(s).
- Fill out the application and send it in. Be sure to include documentation of expected savings.
- Apply as soon as possible and remember to apply before you begin a project. Funding for WET is limited. Applications will be processed on a first-come, first-served basis.

## What happens next?

- After receiving the application, WET staff will contact the participant to conduct a brief pre-installation inspection to verify project information. Participant must accompany WET staff on this required site inspection.
- WET staff will notify the participant of project approval in writing. Do not begin the project until a written approval is received. All equipment must be purchased and installed within six months.
- When the project is complete, send an original, itemized proof-of-purchase to document the project costs.
- WET staff will perform a brief post-installation site visit, accompanied by the participant. Once the inspection is completed and approved, WET staff determines the final rebate and issues the rebate check!



## Sample calculation of estimated water savings.

Your existing equipment operates 8 hours per day, 250 days per year and discharges 55 gallons per minute (gpm) to the sanitary sewer. To qualify for the rebate, you propose to replace this piece of equipment with a similar one that operates on the same schedule, but discharges only 30 gpm. The cost of the project is estimated to be \$80,000.

### To calculate the ccf per year saved, use the following formula:

- (a) Water usage rate of old equipment  
= 55 gallons per minute (gpm)
- (b) Water usage rate of new equipment  
= 30 gpm
- (c) Average time equipment runs per day  
= 480 minutes (8 hours x 60 minutes per hour)
- (d) Number of days per year equipment is run  
= 250 days
- (e) Number of gallons per ccf = 748

### Annual ccf decrease:

$$\begin{aligned} &= \frac{(a - b) \times (c) \times (d)}{(e)} \\ &= \frac{(55 - 30) \times (480) \times (250)}{(748)} = 4,011 \text{ ccf} \end{aligned}$$

The program will pay \$4 per ccf saved.

Total project rebate = 4,011 x \$4 = \$16,044.

**Please direct all inquiries and applications to:**

Water Efficient Technologies • San Jose/Santa Clara Water Pollution Control Plant  
4245 Zanker Road • San Jose, CA 95134 • **(408) 945-3700** • Fax: (408) 934-0476

Visit our website at [www.slowtheflow.com](http://www.slowtheflow.com)

# Slow the Flow

## Why is reducing my company's discharge so important?

- ***Saving money***

Remember, saving water can mean saving money on your company's water and sewer bills. In some cases, energy consumption and chemical usage will also decrease, improving your bottom line.

- ***Not enough water***

In Silicon Valley, there is never enough water to waste. About half the water we use is imported from outside sources. Reducing your flows means saving water, which minimizes our community's reliance on imported sources for drinking water.

- ***Too much water***

Surprisingly, the South Bay has a problem with too much water...in the wrong place. The growth of Silicon Valley has resulted in an increase in the amount of wastewater that must be treated by the San Jose/Santa Clara Water Pollution Control Plant and then discharged into San Francisco Bay.

This increased volume of fresh water, when released into the fragile salt marsh at the southern end of the Bay, dilutes the salt marsh and threatens habitat for two endangered species. We've constructed one of the largest recycled water distribution systems and embarked on aggressive water conservation programs in order to help keep discharge flows at or below a level required to prevent more marsh conversion.

If we fail to achieve this goal through Water Efficient Technologies and other voluntary efforts, a sewer hookup moratorium could be instituted under orders from the Regional Water Quality Control Board.

- ***Slow the Flow***

The solution involves a wide array of programs in all sectors of the community. Businesses, residents, and local agencies all need to use water efficiently. Together we can *Slow the Flow* and *Save the Bay*.

## Are there more ways businesses can help *Slow the Flow*?

- ***Toilet Voucher Program for Businesses***

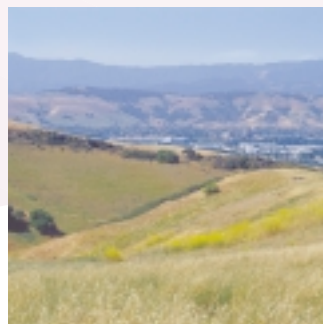
For some businesses, the most effective action for saving water is replacing older toilets with new Ultra-Low Flush Toilets. Using only 1.6 gallons per flush (compared to 3.5 or more for older ones), they are available in various types to suit your facility. Vouchers worth up to \$150 per toilet are available. For more details, call (408) 277-8400.

- ***South Bay Water Recycling***

Over 60 miles of pipeline deliver high quality, treated wastewater to more than 260 customers throughout San Jose, Santa Clara, and Milpitas. Most of this water is being used for irrigation, but commercial and industrial uses, like cooling and cleaning, are increasing. Recycled water is generally less expensive than potable water and is virtually drought-proof. To see if your facility is near the pipeline, visit our website at [www.ci.san-jose.ca.us/sbwr](http://www.ci.san-jose.ca.us/sbwr) or call (408) 945-3000.

- ***Involve your employees***

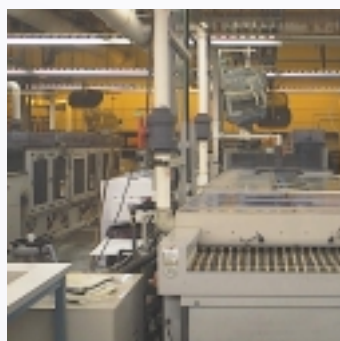
Whether at home, at work, or at play, it's important to be water smart. You can make water conservation part of your employee involvement strategy. Share your company's water use information with employees, and chart trends. Provide additional information on how they can help save water at home.





*Dynamic Details has grown tremendously in the last four years. As a circuit board manufacturer in a highly competitive market, we look at water and utility use as ways to cut costs. By taking advantage of Water Efficient Technologies, we installed a brand new process line with automated features, in-line reuse, and low-flow fluid heads. The project made sense without the rebate, but even more with it. Our water efficiency project saves Dynamic Details 10,000 gallons per day and has helped us grow our business while saving water. We were worried about added paperwork, but WET staff was easy to work with. We also gained additional savings by upgrading our facility toilets through the Ultra-Low Flush Toilet Voucher Program.*

**Dynamic Details, Inc**  
**Marino Finley, Facilities Manager**



*In March 2000, Hadco replaced one of the DES (Develop, Etch, Strip) lines with a new system that integrates water reuse and uses pumps instead of high water volumes to provide the necessary spray fan. The incentive program helped such projects make immediate business sense. The \$50,000 rebate and the water savings of more than 27,000 gallons per day have motivated us to retrofit our other DES lines with similar features.*

**HADCO Santa Clara**  
**Aasha Sachdev, Environmental Manager**  
**Mike Sooter, Environmental Coordinator**



*In 1999, Intel received a rebate of nearly \$45,000 for a water conservation project that makes perfect business sense and helps to protect the salt marsh habitat of the Bay. We now recycle reject waters from our reverse osmosis system in our onsite cooling towers. Intel saves more than 80,000 gallons of water per day, and our payback period was less than a year. This investment has truly paid off by decreasing our dependency on outside water supplies and helping the environment.*

**Intel Corporation**  
**Arman Nikfar, Chemical Engineer**



*Since 1997, we have reduced our discharge by more than one third and received \$82,000 in rebates. At our semiconductor facility in Milpitas, we installed flow restrictors on our rinse lines, and then recycled excess flow back to process. We are also recycling more than 26,000 gallons per day of industrial wastewater in our fume scrubbers and cooling towers. The financial incentive program helped reduce the payback period to a level that won overriding management approval, allowing the projects to be implemented.*

**Lockheed Martin Fairchild Systems**  
**Brett Martinez, Manager Environmental Health & Safety, Facilities, Security**

**This program is brought to you by:**



**SAN JOSE/  
 SANTA CLARA  
 WATER POLLUTION  
 CONTROL PLANT**



**San Jose/Santa Clara Water Pollution Control Plant serves:** City of San José • City of Santa Clara • City of Milpitas • County Sanitation Districts No. 2 & 3 West Valley Sanitation District (including Campbell, Los Gatos, Monte Sereno, and Saratoga) • Burbank Sanitary District • Cupertino Sanitary District City of Cupertino • Sunol Sanitary District

*In accordance with the Americans with Disabilities Act, City of San José Environmental Services Department materials can be made available upon request in alternative formats, such as large print, audio tape or computer disk. Requests may be made by calling (408) 277-5533 (Voice) or (800) 735-2929 (California Relay Service).*

